

FREQUENTLY ASKED QUESTIONS

How do I submit feedback on the potential routes in Illinois?

Please submit feedback on the maps or your comment card, on the project website, or by calling the project hotline number.

Where can I find the aerial maps shown at the public meetings?

Please visit the project website to view the aerial maps of the potential routes, which will be available after the conclusion of each week of public meetings.

Why direct current transmission?

The Grain Belt Express Clean Line will utilize direct current transmission, an established technology that is ideal for moving large amounts of power over long distances. Direct current transmission lines use a narrower right-of-way than equivalent alternating current transmission lines and lose less power along the way.

Who will pay for the Grain Belt Express Clean Line?

Clean Line Energy intends to privately finance the development and construction of the Grain Belt Express project. Clean Line will sell transmission capacity to renewable energy generators in Kansas and to utility customers in Missouri, Illinois and surrounding states that choose to buy the renewable energy.

When will construction begin?

The timeline of the project is intertwined with the regulatory processes in each state that the project will traverse. Grain Belt Express will begin construction after the project receives the appropriate approvals from each state utility commission, completes surveying, obtains environmental permits, and signs up customers. Construction will take two to three years and could begin as soon as 2017.

Where should I submit my business information to be considered for the construction of the project?

We are always interested in hearing from businesses that would like to provide services for the construction of the Grain Belt Express Clean Line. Clean Line will hold local business meetings in January 2015 to hear from local vendors that could participate in the project. Please check the project website or call the hotline number for more information.

 **VISIT US ON THE WEB**
WWW.GRAINBELTEXPRESSCLEANLINE.COM

Round 1



CONTACT US

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CLEAN LINE
ENERGY PARTNERS

December 2014

GRAIN BELT EXPRESS CLEAN LINE

PUBLIC MEETING

The purpose of this public meeting is to:

- Share information about the Grain Belt Express Clean Line
- Ask for comments on the project
- Receive input on routing



5000+ CONSTRUCTION JOBS



500+ OPERATIONS JOBS



WORKING WITH LOCAL BUSINESSES



ACCESS TO LOW-COST RENEWABLE ENERGY



LOWER WHOLESALE ELECTRICITY PRICES



INCOME FOR COMMUNITIES

PROJECT OVERVIEW

Grain Belt Express Clean Line is developing the Grain Belt Express, an approximately 750-mile overhead, direct current transmission line that will deliver low-cost wind power from western Kansas to Illinois and surrounding states. Similar to the trains that carry grain harvested in the Midwest to markets, the Grain Belt Express will move wind energy from its source in the grain belt of the country to markets with strong demand for low-cost, clean power.

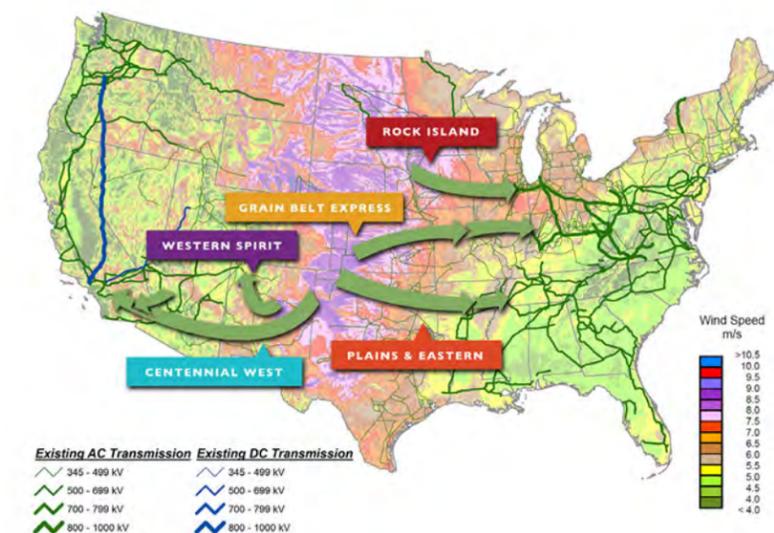
CLEAN LINE ENERGY

The Challenge

The United States has some of the best renewable energy resources in the world; however, the transmission infrastructure does not exist to transport the energy generated from these resources to communities that need the power. Clean Line Energy is working to address this challenge.

The Clean Line Energy Solution

Clean Line Energy is developing long-haul transmission lines to connect abundant renewable energy to communities that need it. The Grain Belt Express Clean Line will deliver low-cost, clean, renewable energy to communities in Illinois and surrounding states.

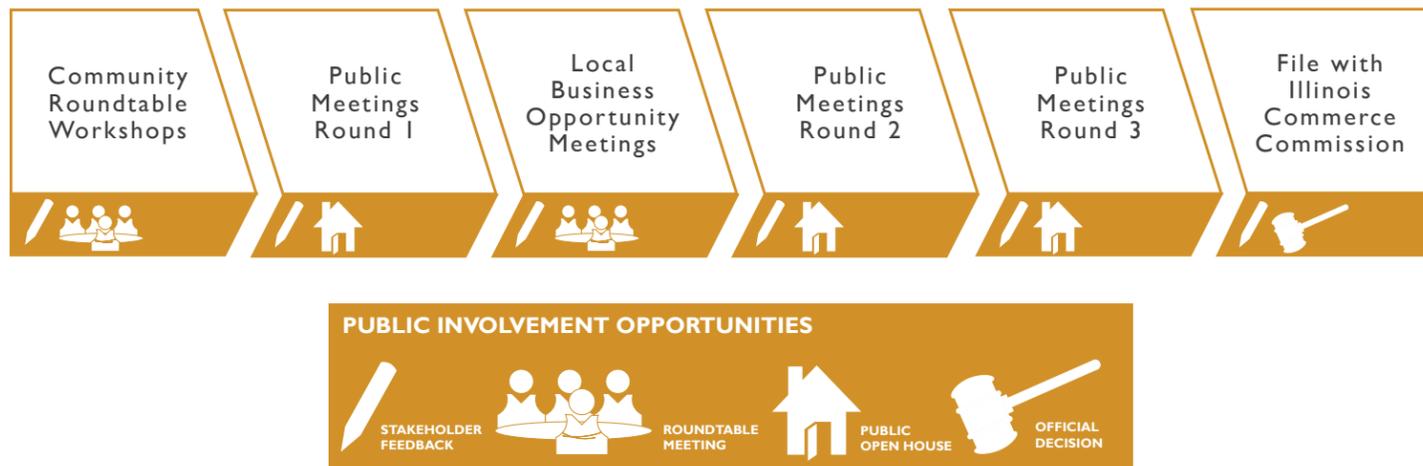


CLEAN LINE
ENERGY PARTNERS

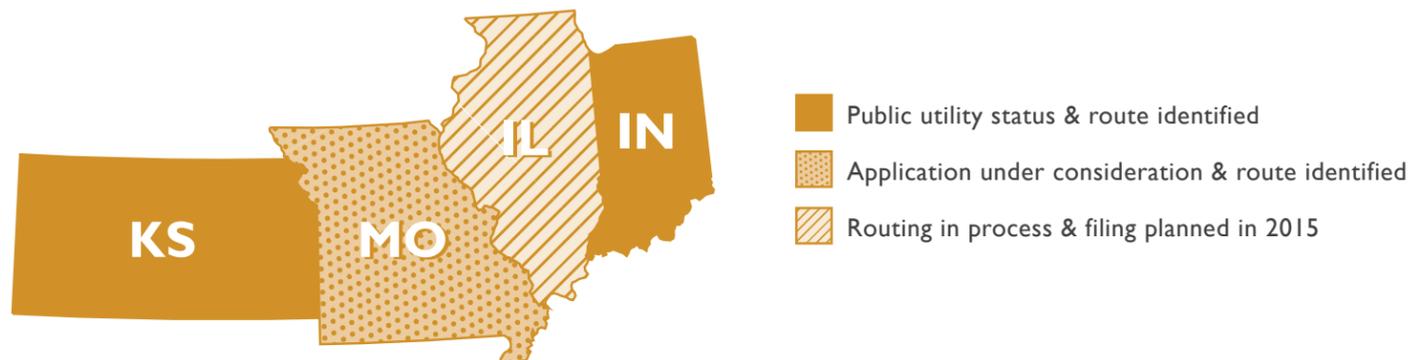
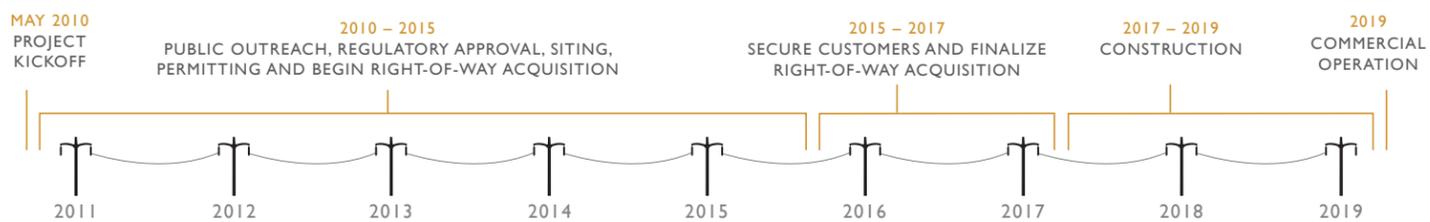
December 2014

ILLINOIS PUBLIC OUTREACH & ROUTING PROCESS

Clean Line will hold three rounds of public meetings to share information about the Grain Belt Express transmission line, and ask for comments on the project and route. In advance of each round of public meetings, notices will be published in local newspapers and posted on the project website. Potential routes will be refined based on feedback received during the public meetings. Ultimately, the Grain Belt Express transmission line will require a 150 – 200 foot wide right-of-way, approved by the Illinois Commerce Commission (ICC). Aerial maps of potential routes will be available on the project website after the conclusion of each week of public meetings, and comments can be submitted via www.grainbeltexpresscleanline.com at any time.



GRAIN BELT EXPRESS CLEAN LINE SCHEDULE



POTENTIAL ROUTES UNDER EVALUATION



ROUTING A TRANSMISSION LINE

Grain Belt Express Clean Line is developing the transmission line route in a way that attempts to minimize impacts on existing land use and natural and cultural resources. The Grain Belt Express Clean Line team is gathering a wide range of information through agency coordination, public outreach, existing geographic information sources, and field reconnaissance to inform the route planning process. The route planning process takes into consideration routing factors, such as:

- Residences
- Agricultural lands
- State and federal lands
- Recreational areas
- Water resources
- Known cultural resources
- Schools
- Airports/airstrips
- Churches
- Sensitive habitats and protected species
- Community feedback
- Engineering constraints

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Round 2



PUBLIC MEETING

The purpose of this public meeting is to:

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- Receive input on routing



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PROJECT OVERVIEW

The Grain Belt Express Clean Line is an approximately 750-mile overhead, direct current transmission line that will deliver low-cost wind power from western Kansas to Illinois and surrounding states. Similar to the trains that carry grain harvested in the Midwest to markets, the Grain Belt Express will move wind energy from its source in the grain belt of the country to markets with strong demand for low-cost, clean power.

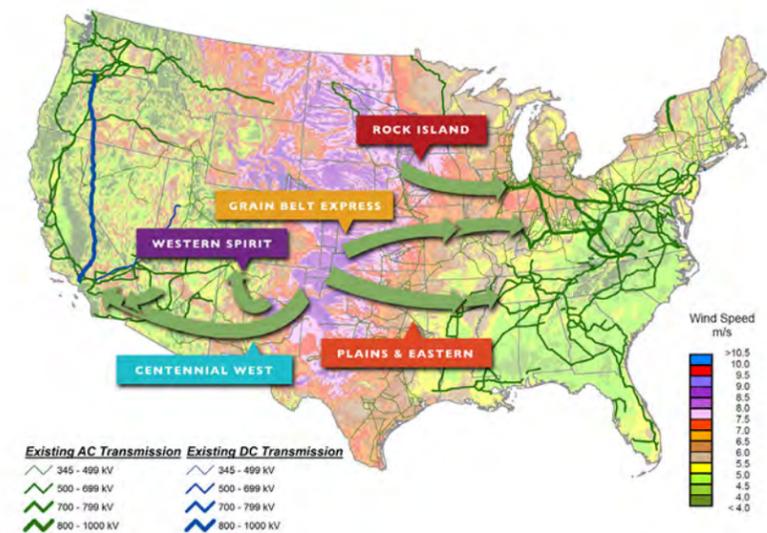
CLEAN LINE ENERGY

The Challenge

The United States has some of the best renewable energy resources in the world; however, the transmission infrastructure does not exist to transport the energy generated from these resources to communities that need the power. Clean Line Energy is working to address this challenge.

The Clean Line Energy Solution

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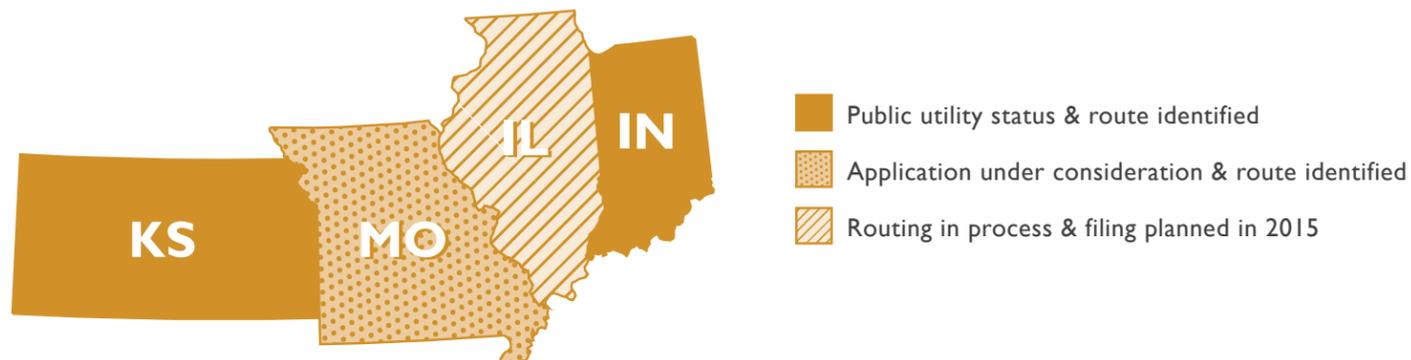
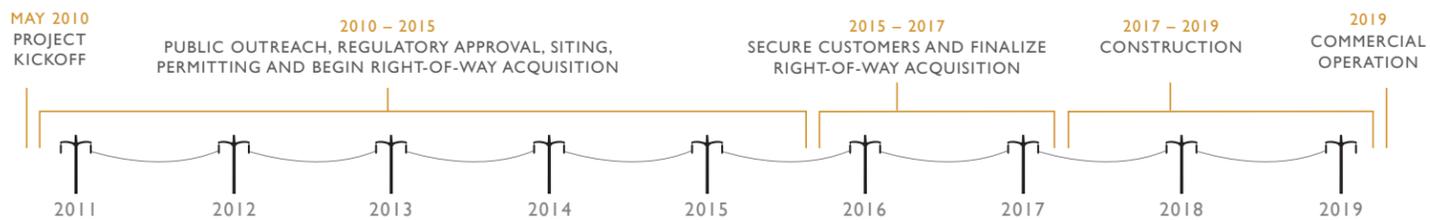


ILLINOIS PUBLIC OUTREACH & ROUTING PROCESS

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GRAIN BELT EXPRESS CLEAN LINE SCHEDULE



POTENTIAL ROUTES UNDER EVALUATION



ROUTING A TRANSMISSION LINE

Grain Belt Express Clean Line is developing the transmission line route in a way that attempts to minimize impacts on existing land use and natural and cultural resources. The Grain Belt Express Clean Line team is gathering a wide range of information through agency coordination, public outreach, existing geographic information sources, and field reconnaissance to inform the route planning process. The route planning process takes into consideration many routing factors, such as:

- Residences
- Agricultural lands
- State and federal lands
- Recreational areas
- Water resources
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- Sensitive habitats and protected species
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- Engineering constraints

FREQUENTLY ASKED QUESTIONS

Where can I find the maps shown at today's meeting?

Please visit www.grainbeltexpresscleanline.com to view the aerial maps of the proposed and alternate routes.

Who will pay for the Grain Belt Express Clean Line?

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How will my community benefit from the Grain Belt Express?

The Grain Belt Express Clean Line will benefit Illinois communities by adding a new source of cost-competitive renewable energy, reducing wholesale electricity prices, creating hundreds of construction and manufacturing jobs, and providing revenue to each county that hosts the line. Specifically, the project will provide a \$7,000 per mile annual payment to counties where the project is located.

When will construction begin?

The timeline of the project is intertwined with the regulatory processes in each state that the project will traverse. Grain Belt Express will begin construction after the project receives the appropriate approvals from each state utility commission, completes surveying, obtains environmental permits, and signs up customers. Construction will take two to three years and could begin as soon as 2017.

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The Grain Belt Express Clean Line is designed to benefit Illinois electricity consumers. The project will add a new source of cost-competitive renewable energy, reduce wholesale electricity prices, create hundreds of construction and manufacturing jobs, and provide revenue to local communities.

CLEAN LINE ENERGY

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ACCESS TO LOW-COST RENEWABLE ENERGY



REDUCED WHOLESALE ELECTRICITY PRICES



ANNUAL PAYMENTS TO COUNTIES



WORKING WITH LOCAL BUSINESSES



HUNDREDS OF CONSTRUCTION & MANUFACTURING JOBS IN ILLINOIS



KEY			
	Collector system (AC)		Grain Belt Express Clean Line (HVDC)
	Existing utilities' system (AC)		AC/DC Converter

This map is intended for illustration purposes only and does not represent a proposed route.



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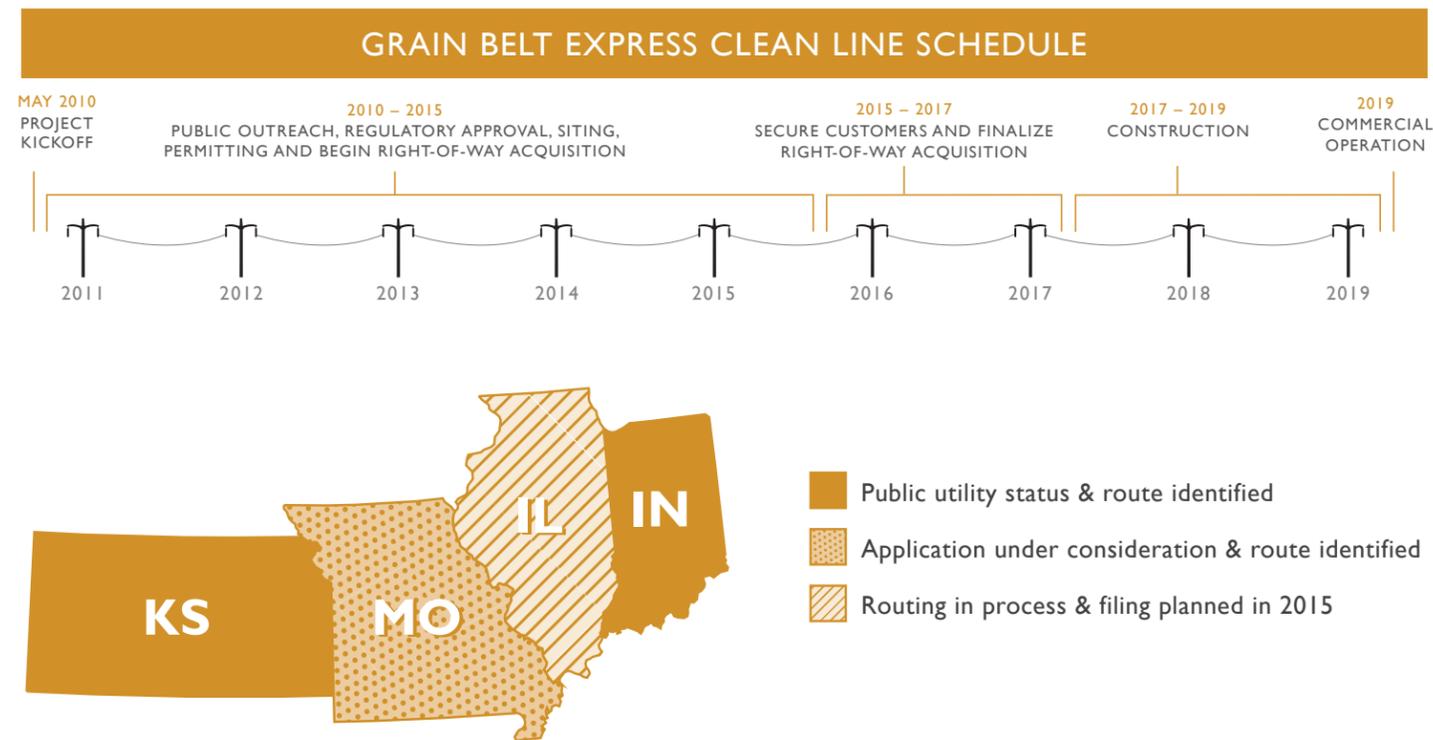
March 2015



March 2015

PROJECT DEVELOPMENT PROCESS

Clean Line is hosting three rounds of public meetings to share information about the Grain Belt Express Clean Line and ask for comments on the project and route. After each round of public meetings, the route has been refined based on feedback received during the public meetings. Ultimately, the Grain Belt Express Clean Line will require a 150-200 foot right-of-way, approved by the Illinois Commerce Commission (ICC). Maps of the proposed and alternate routes that are under consideration are available on our website: www.grainbeltexpresscleanline.com.



PROPOSED AND ALTERNATE ROUTES



ROUTING A TRANSMISSION LINE

Clean Line is developing the transmission line route in a way that attempts to minimize impacts on existing land use and natural and cultural resources. Clean Line team is gathering a wide range of information through agency coordination, public outreach, existing geographic information sources, and field reconnaissance to inform the route planning process. The proposed and alternate routes presented at today's meeting are still under evaluation, but are the routes we have identified as having the least impact. The route planning process takes into consideration many routing factors, such as:

- Residences
- Agricultural lands
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- Recreational areas
- Water resources
- Known cultural resources
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PRESERVING THE PRODUCTIVITY OF ILLINOIS FARMLAND

Clean Line has signed an Agricultural Impact Mitigation Agreement with the Illinois Department of Agriculture and will incorporate this agreement as a part of its easement agreement with landowners. This agreement details the extensive efforts Clean Line will make to mitigate impacts to agriculture, including: decompacting soil, repairing damaged drainage tile, and using single-foundation monopole structures along straight, non-turning sections of the line in areas without specific engineering or environmental challenges. Additionally, due to the efficiencies associated with direct current (DC) technology, the line will require less right-of-way than if the power line were to use alternating current (AC) to move the same amount of energy. Less than 1% of the easement property will be taken out of production when the structures are placed in farmland.